

MARKIEWICZ, Lech

Effect of physical exercise on the content of glucose, pyruvic acid, lactic acid, cholesterol and phospholipids in the blood of rats with radiation sickness. Acta physiol. polon. 13 no.4:467-476 '62.

1. Z Zakładu Fizjologii INKŻ w Warszawie Kierownik: prof. dr
Wł. Missiuro.

(EXERTION) (BLOOD SUGAR) (PYRUVATES)
(LACTATES) (BLOOD CHOLESTEROL) (RADIATION INJURY EXPERIMENTAL)

L 6689-65 EWJ(j)/EWJ(r)/EWT(1)/A/FS(v)-3/EWG(v)/EWG(a)/EWG(c) Pg-5/Ps-1
AFWL/AFETR/AFMDC/SSD/ESD(c)/AMD DD

ACCESSION NR: AP4046514

P/0056/64/015/004/0495/0501

66
64

AUTHOR: Markiewicz, L. (Markivich, L.); Missiuro, W. (Missyuro, Vl.); Brzezinska, Z. (Bzhezinska, Z.); Sawicka, A. (Savitcka, A.)

TITLE: Biochemical and morphologic changes in brain tissue induced by vibration

SOURCE: Acta physiologica polonica, v. 15, no. 4, 1964, 495-501

2

TOPIC TAGS: vibration, nervous system, mediator, brain, frequency, nerve structural change

ABSTRACT: The effect of vibration on the functional state of the central nervous system was studied. Experiments were carried out on the behavior of mediators of the nervous system, noradrenaline and acetylcholine, in the brains of rats subjected to vibration of frequency 50 and 75 Hz, four hours each day during one week. An increase in both mediators was observed. The highest values of noradrenaline were found four hours after single exposition to vibration. The increase at that time was 111% of normal at frequency 50 Hz, and 116% at frequency 75 Hz. After several days exposure to vibration the high levels of acetylcholine diminished, but were still 55-58% above normal. The content of noradrenaline was also elevated, parallel to increasing time of exposure to vibration. After 6 days'

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exposure the values were 100% higher at frequency 50 Hz, and 32% at frequency 75 Hz. Histologic examination of the brains revealed disappearance of tigroid in the cytoplasm of the nerve cells, especially in the hypothalamus. As may be seen from the experimental findings, vibration of this intensity induces changes in the structure of the nerve cells and increases the levels of the adrenergic and cholinergic mediators. Even brief vibration probably is not without effect on the body.

ASSOCIATION: Zakład Fizjologii i Higieny Pracy CIOP, Warsaw (Institute of Physiology and Hygiene CIOP); Zakład Fizjologii Pracy PAN, Warsaw (Institute of Physiology of the Polish Academy of Sciences)

SUBMITTED: 28Feb64

ENCL: 00

SUB CODE: 13

NO REF SOV: 001

OTHER: 010

Card 2/2

MARKIEWICZ, L.

Influence of daylength and gibberellic acid on alkaloid
yield of *Vinca rosea* L. Bull. acad. Pol. sci. [Biol.] 13
no.8:475-478 '65.

1. Submitted February 9, 1965.

MARKIEWICZ, M.

"Plan of merchandise turnover from the points of view of the consumer and the seller p. 233." (ZYCIE GOSPODARCZE, Vol. 8, no. 1, Feb. 1953, Warszawa, Poland.)

SO: East European, L. C. Vol. 2, No. 12, Dec. 1953

MARKIEWICZ, M.

SCIENCE

Periodicals: CHEMIK. Vol. 11, no. 10, Oct. 1958.

MARKIEWICZ, M. 50 years of the Wolbrom Rubber Plant at Wolbrom. p. 321.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4, April 1959,
Unclass.

MARKIEWICZ, Maria

Ballistocardiogram in acute rheumatic fever. Pol. tyg. lek. 20
no.2:48-50 11 Ja '65

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Lublinie
(Kierownik: prof. dr. med. Mieczysław Kedra).

MARKIEWICZ, Maria; MARKIEWICZ, Marian; DARWAJ, Bohdan

Neurological picture and electroencephalographic changes in chronic pulmonary-heart disease. Pol. tyg. lek. 18 no.32: 1173-1175 5 Ag '63.

1. Z Kliniki Neurologicznej; kierownik prof. dr med. Wiktor Stein i I Kliniki Chorob Wewnętrznych AM w Lublinie; kierownik prof. dr med. Mieczysław Kedra.

(PULMONARY HEART DISEASE)
(ELECTROENCEPHALOGRAPHY)
(NEUROLOGIC MANIFESTATIONS)

MARKIEWICZ, Maria

Cerebral abscesses in congenital heart defects. Pol. tyg. lek.
18 no.41:1538-1540 7 0 '63.

1. Z Kliniki Neurologicznej AM w Lublinie; kierownik: prof.
dr med. Wiktor Stein.

(HEART DEFECTS, CONGENITAL)
(BRAIN ABSCESS)

MARKIEWICZ, Maria

Adrenalin and noradrenalin level in the urine of cerebral stroke patients. Pol. tyg. lek. 19 no.28:1071-1073
13 - 20 J1'64

1. Z Kliniki Neurologicznej Akademii Medycznej w Lublinie;
kierownik: prof. dr. med. W. Stein) i z Zakładu Patologii
Ogólnej i Doswiadczałnej Akademii Medycznej w Lublinie
(kierownik: prof. dr. med. J. Bilewicz-Stankiewicz.

MARKIEWICZ, Marian

Intracutaneous stain test in peptic ulcer. Ann, Univ. Lublin; sec. D
7 no. 11-21:287-297 1952.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Lublinie.
Kierownik: prof. dr med. Aleksander Goldschmied.

(PEPTIC ULCER, physiology,

trypan blue funct. test)

(STAINS AND STAINING,

trypan blue intracutaneous funct. test in peptic ulcer)

PROF. DR. MED. ST. KWASNIEWSKI
NOWAK, Jan; MARKIEWICZ, Marian; SMARSZ, Czesław

Bromsulphalein test. Polski tygod. lek. 11 no.43:1824-1827
22 Oct 56.

1. (Z I Kliniki Chorob Wewnętrznych A.M. w Poznaniu;
Kierownik: prof. dr. med. St. Kwasniewski) adres: Poznań,
1 Kl. Chor. Wewn A.M., ul. Długa 1/2.

(LIVER FUNCTION TESTS,

phenolphthalein clearance test (Pol))

(PHENOLPHTHALEIN DYES,

liver funct. tests (Pol))

MARKIEWICZ, Marian; NOWAK, Jan

Portal hypertension. Polski tygod. lek. 12 no.1:30-36
1 Jan 57.

1. (Z I Kliniki Chorob Wewnętrznych A.M. w Poznaniu;
kierownik: prof. dr. St. Kwasniewski). Adres: Poznan,
ul. Długa 1/2.

(HYPERTENSION, PORTAL
review (Pol))

SZERESZEWSKA, Halina, NOWAK, Jan, MARKIEWICZ^Z, Marian

Pathogenesis and clinical aspects of acute trophic ulcers of the stomach and duodenum. Polskie archmed. wewn. 28 no.2:215-223 1958

1. Z I Kliniki Chorób Wewnętrznych A.M. w Poznaniu. Kierownik: prof. dr. med. S. Kwaśniewski. Adres autora: Poznań, ul. Długa 1/2 I Klinika Chorób Wewn. A.M.

(PEPTIC ULCER, etiology & pathogenesis
thrombosis of gastroduodenal arteries, pathol. (Pol)

EXCERPTA MEDICA Sec 8 Vol 15/5 Neurology May 60

2372. LIVER FUNCTION TESTS DURING TREATMENT OF TUBERCULOUS MENINGITIS - Badanie czynności wątroby w przebiegu leczenia gruźliczego zapalenia opon mózgowych - Markiewicz M. and Pastuszanka S. Klin. Neurol. Wydziału Lek. Akad. Med., Lublin; Centralnego Lab. PSK, Lublin - ANN. UNIV. M. CURIE-SKŁODOWSKA, D. 1959, 13/1958 (261-268) Tables 6

The tests were performed in 38 patients every 7-10 days during the course of a few months. An increase of globulins, and a decrease of albumins was found during the first months, disappearing with the improvement of the specific process. The total protein level was unchanged. The carbohydrate metabolism and the bilirubin and cholesterol levels were not disturbed. (L, 8, 15)

MARKIEWICZ, Marian; NOWAK, Jan

Treatment of chronic liver diseases by crude liver extracts. Polskie
tygod. lek. 14 no.4:173-177 26 Jan 59.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Poznaniu; kierownik: prof. dr
St. Kwasniewski. Adres: Poznan 34, ul. Wyspińskiego 14/3.

(LIVER EXTRACTS, ther. use

crude liver extracts in chronic liver dis. (Pol))

(LIVER DISEASES, ther.

crude liver extracts (Pol))

KEDRA, Mieczyslaw; MARKIEWICZ, Marian

Intravenous application of serpasil in hypertension. Polski tygod.
lek. 14 no.27:1256-1262 6 July 59.

1. (Z I Klin. Chor. Wewn A. M. w Lublinie; kierownik: prof. dr med.
Mieczyslaw Kedra).
(RESERPINE, ther.)

KEDRA, Mieczysław; CZAPLICKI, Sylwester; DYDUSZYNSKI, Andrzej; MARKIEWICZ,
Marian

Rate of pulse wave in the aorta in atherosclerosis hypertension.
Polski tygod. lek. 14 no.36:1645-1648 7 Sept 59.

1. (Z I Kliniki Chorob Wewn. A. M. w Łodzi i Oddz. Chorob Wewn.
Centr. Szpital. M. O. N. w Warszawie: kierownik: prof. dr Mieczysław Kedra).
(ARTERIOSCLEROSIS, physiol.) (HYPERTENSION, physiol.)
(AORTA, physiol.) (PULSE)

KEDRA, Mieczyslaw; CZUCZWAR, Stanislaw; MARKIEWICZ, Marian

Fibroelastosis endocardii as a cause of circulatory insufficiency
in adults with considerations on a case. Polski tygod. lek. 14 no.45:
1978-1984 9 Nov 59.

1. (Z I Kliniki Chorob Wewnętrznych; kierownik: prof. dr med. Mieczysław
Kedra i Zakładu Anatomii Patologicznej; kierownik prof. dr med. Stanisław
Mahrburg A. M. w Lublinie.)

(ENDOCARDIAL FIBROELASTOSIS, compl.)

(HEART FAILURE, CONGESTIVE, etiol.)

KEDRA, Mieczyslaw; MARKIEWICZ, Marian

Uropepsin in myocardial infarct. Polskie arch.med.wewn. 29 no.11:
1479-1487 '59.

1. Z I Kliniki Chorob Wewn. A.M. w Lublinie. Kierownik: prof.dr.med.
M. Kedra.

(MYOCARDIAL INFARCT blood)
(UROPEPSIN blood)

KEDRA, Mieczyslaw; MARKIEWICZ, Marian

Does uropepsin determination reflect adrenal function in cases of myocardial infarction? *Polskie arch.med.wewn.* 30 no.6:808-810 '60.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Lublinie Kierownik:
prof. dr med. M.Kedra
(ADRENAL CORTEX physiol)
(MYOCARDIAL INFARCT diag)
(UROPEPSIN blood)

KEDRA, Mieczyslaw; CZAPLICKI, Sylwester; DYDUSZYNSKI, Andrzej; MARKIEWICZ,
Marian

The speed of the wave of the aortic pulse in atherosclerosis.
Polskie arch.med. wewn. 30 no.7:926-928 '60.

1. Z I Kl. Chorob Wewn. A.M. w Lublinie 1 Oddz. Chorob Wewn.
- 2 Centr. Szpitala Klin. W. A. M. Kierownik: prof. dr med. M.Kedra
(ARTERIOSCLEROSIS diag)
(AORTA physiol)
(PULSE)

MARKIEWICZ, Marian

The ballistocardiogram in myocardial infarction. Polski tygod. lek.
16 no.24:928-932 12 Jo '61.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Lublinie; kierownik:
prof. dr med. M. Kedra.

(BALLISTOCARDIOGRAPHY) (MYOCARDIAL INFARCT diag)

MARKIEWICZ, Marian

Our studies on the value of ballistocardiography in the diagnosis of myocardial infarction. Polski tygod. lek. 16 no.29:1108-1116 17 J1 '61.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Lublinie; kierownik: prof. dr med. Mieczysław Kedra.

(MYOCARDIAL INFARCT diag) (BALLISTOCARDIOGRAPHY)

MARKIEWICZ, Marian; WYSOKINSKI, Zygmunt

On the problem of the value of cedilanid test in the diagnosis of
rheumatic myocarditis. Polski tygod. lek. 16 no.34:1311-1312
21 Ag '61.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Lublinie; kierownik: prof.
dr med. M. Kedra.

(RHEUMATIC HEART DISEASE diag) (CHELIDONIUM)

KEDRA, Mieczyslaw; MARKIEWICZ, Marian; CZAPLICKI, Sylwester

Delayed ejection of the blood by the left ventricle in cases of bundle branch block. Polski tygod. lek. 16 no.49:1884-1885 4 D '61.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Lublinie i byłego Oddziału Wewnętrznego Centralnego Szpitala MON w Warszawie; kierownik: prof. dr med. Mieczysław Kedra.

(HEART BLOCK physiol)

MARKIEWICZ, Maria; RUDNICKA, Krystyna

The fate of patients after subarachnoid hemorrhage. Polski tygod.
lek. 16 no.52:2013-2015 25 D '61.

1. Z Kliniki Neurologicznej AM w Lublinie; kierownik: prof. dr
W. Stein.

(SUBARACHNOID HEMORRHAGE statist)

KEDRA, Mieczyslaw; MARKIEWICZ, Marian

Value of electrocardiographic studies in the diagnosis of cardio-pulmonary syndrome. Pol. tyg. lek. 17 no.8:286-293 19 F '62.

1. Z I Kliniki Chorob Wewnętrznych AM w Lublinie; kierownik: prof. dr med. Mieczyslaw Kedra.

(ELECTROCARDIOGRAPHY)
(PULMONARY HEART DISEASE diag)

KEDRA, Mieczyslaw; MARKIEWICZ, Marian

On the problem of the use of digitalis in ventricular tachycardia.
Pol. tyg. lek. 17 no.16:596-600 16 Ap '62.

1. Z I Kliniki Chorob Wewnętrznych AM w Lublinie; kierownik: prof.
dr med. Mieczyslaw Kedra.

(DIGITALIS ther) (TACHYCARDIA ther)

POLAND

MARKIEWICZ, Maria. MARKIEWICZ, Marian. ~~APPROVED FOR RELEASE: 09/19/2001~~ CIA-RDP86-00513R001032420003-6"

Dr. med. Wiktor STEIN) and First Clinic of Internal Diseases
(I Klinika Chorob Wewnętrznych) (Director: Prof. Dr. med.
Mieczyslaw KEDRA), both of the AM [Akademia Medyczna, Medical
Academy] in Lublin

"Neurological Picture and Electroencephalographic Changes in
the Course of Chronic Cardio-Pulmonary Syndrome."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 32, 5 Aug 63,
pp 1173-1175

Abstract: [Authors' English summary modified] Study covered
two groups of patients, those in the period of circulatory and
respiratory efficiency, and those in period of failure. Tests
were performed in the beginning and at end of treatment. The
neurological signs appeared in 92.5 per cent of the cases.
General cerebral changes prevailed in the eeg tracings, with
some of the records showing intensive changes in the temporal
leads. Agreement between the eeg tracings and neurological
examinations was high (56 per cent), and less between the
cerebral signs and the clinical examination (20 per cent). 14
refs: 3 Polish, 1 Czech, 5 German, and the other Western.
1/1

POLAND

MARKIEWICZ, Marian, First Clinic of Internal Diseases (I Klinika Chorob Wewnętrznych), AM [Akademia Medyczna, Medical Academy] in Lublin (Director: Prof. Dr. med. Mieczysław KEDRA)

"Drugs Which Lower Blood Cholesterol."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 38, 16 Sep 63, pp 1412-1416

Abstract: Author mentions the accepted role of cholesterol in atheromatosis and summarizes the three ways in which the cholesterol level may be reduced in the system. He then lists all drugs and recommended quantity and manner of administration for reducing cholesterol by: a) Limiting cholesterol intake, b) Blocking absorption of cholesterol from the digestive tract, and c) Blocking the synthesis of cholesterol in the system. He notes in conclusion that reducing diets and exercise are of great help, and that of the pharmaceutical means triparanol, nicotinic acid, and D-thyroxin seem most effective. In Poland, nicotinic acid is available, and the large quantities required, call for its increased production. 35 refs: 4 Soviet, 1 German, 11 Polish.
1/1

KEDRA, Mieczysław; MARKIEWICZ, Marian; WIDOMSKA-CZEKAJKA, Teresa

Value of electrocardiographic studies following potassium
chloride load in differentiating functional from organic
changes in the zone of the ST-T wave. Pol. tyg. lek. 19
no.28:1088-1091 13 - 20 J1'64

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w
Lublinie; kierownik: prof. dr. med. Mieczysław Kedra.

KEDRA, Mieczyslaw; MARKIEWICZ, Marian; MITURZYNSKA, Henryka; STAZKA,
Zuzanna

The effect of nicotinic acid on the metabolism of lipids,
especially the blood cholesterol in cases of arteriosclerosis.
Pol. tyg. lek. 19 no.37:1397-1400 S 14 '64

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w
Lublinie (Kierownik: prof. dr. med. Mieczysław Kedra).

MARKIEWICZ, Marian

Ballistocardiogram in the atrio-ventricular block. Pol. tyd. lek.
19 no.37:1409-1412 5 14 '64

1. 3 I Kliniki Chorob Wewnętrznych Akademii Medycznej w Lublinie
(Kierownik: prof. dr. med. Mieczysław Fedra).

MARKIEWICZ, Marian; WOZNIAK, Franciszek

Rupture of a pseudo-aneurysm of the aorta perforating into the
esophagus. Pol. tyg. lek. 20 no.12:443-444 22 Mr '65

1. Z I Kliniki Chorob Wewnętrznych (Kierownik: prof. dr. med.
Mieczysław Kedra) i Zakładu Anatomii Patologicznej Akademii
Medycznej w Lublinie (Kierownik: doc. dr. med. Marian Rozynek).

MARKIEWICZ, Marien; SZYCKO, Janusz

A case of arterio-bronchial fistula of tuberculous origin as
a cause of acute pulmonary hemorrhage. Pol. tyg. lek. 19
no.33:1288-1289 17 S '64.

1. 2 I Kliniki Chorob Wewnętrznych (kierownik: prof. dr med.
Mieczysław Kedra) i Zakładu Anatomii Patologicznej Akademii
Medycznej w Lublinie (kierownik: prof. dr med. Stanisław
Mahrburg).

KEDRA, Mieczysław, prof. dr. med.; MARKIEWICZ, Marian

Value of the electrocardiographic examination following serpasil injection in the establishment of the cause of changes in the ST-T zone. Pol. tyg. lek. 20 no.1:4-6 4 Ja '65

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Lublinie (Kierownik: prof. dr. med. Mieczysław Kedra).

MARKIEWICZ, Marian

Ballistocardiogram in young diabetics. Pol. tyg. lek. 20
no.20:712-714 17 My '65.

1. Z I Kliniki Chorob Wewnętrznych AM w Lublinie (Kierownik:
prof. dr. med. Mieczysław Kedra).

MARKIEWICZ, Marian

Adrenal function in myocardial infarction. Pol. tyg. lek.
20 no.40:1511-1514 4 0 '65.

1. Z I Kliniki Chorob Wewnętrznych AM w Lublinie (Kierownik:
prof. dr. med. Mieczysław Kedra).

KEDRA, Mieczyslaw; MARKIEWICZ, Marian

Critical evaluation of the determination of GOT , GPT and aldolase
in the diagnosis of myocardial infarction. Pol. tyg. lek. 19 no.26:
980-983 22 Je'64

1. Z I Kliniki Chorob Wewnetrznych Akademii Medycznej w Lublinie;
kierownik : prof. dr. med. Mieczyslaw Kedra.

MARKIEWICZ, O. P.

Development of parasitology in Ukraine. Wiadomosci parazyt. Marsz. 4 no.4:
283-296 1958.

1. Przewodn. Ukr. Tow. Parazytol. Z Dzialu Parazytologii Instytutu
Zoologii AN ~~USSR~~ w Kimowie.
(PARASITOLOGY,
in Russia (Pol))

MARKIEWICZ, Regina; KRACH, Hermina

Comparing the quality of transparent coatings used for furniture finishing. Przem drzewny 12 no.8:22-24 '61.

MARKEWICZ, Ryszard

Mgr., Jacek BORKOWSKI and Ryszard MARKEWICZ, "The Five Year Plan in the Cement Industry," Cement, Wapno, Pis, Vol XIII/XIII, No 1, Krakow, Jan 57, pp 1-7.

30: JPRS/NY-L-402, 17 Oct 58.

MARKIEWICZ, Stanislaw

Role of the judicial decisions in administrative penal proceedings in the field of labor relations. Praca zabesp spol 4
no.7:1-7 J1 '62.

MARKIEWIC²A, U.

"Slag as a Building Material", P. 6. (BUDOWNICTWO WIEJSKIE, Vol. 6,
No. 3, May/June 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (FEAL), IC, Vol. 4,
No. 1, Jan. 1955, Uncl.

MARMONICK, U.

"Temporary Roads to a Building Site", 1. 10, (BU C/PTW/CTW/CTW/CTW, Vol. 1, No. 6, Nov./Dec. 1974, Warsaw, Poland)

SC: Monthly List of East European Accessions (MEL), 10, Vol. 1, No. 1, March 1955, Urc.

MARKIEWICZ, U.

MARKIEWICZ, U.

The simplest static calculations of the most common building elements.

p. 24 (Budownictwo Wiejskie) Vol. 7, No. 5, Sept./Oct., 1955, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

MARINICZ, W.

Proper utilization of allotments. W. 2.

(PUBLISHED WEEKLY. Vol. 9, no. 1, Jan. 1, 1977, Warszawa, Poland)

SO: Monthly list of last year's necessities. Vol. 1, no. 1, no. 1, 1977.
Encl.

CATEGORY :

ASS. JOUR. : *IZVest.*, No. *24* 1959, No. 7117

AUTHOR : *Mal'nev*

TITLE : *On the question of the possibility of using
the method of*

ORIN. PUB. : *Cement. Zapros.* 1959, 15, No 2, 47

ABSTRACT : At the Kharzawa cement factory has been
introduced the production of a new kind of cement, which
is made up of silting a mixture of cement
with a small addition of *silica*
cylinder. The cost of this cement is 1.5 times
more than 150 percent, than that of the *slip* portland cement
produced at the same factory. Technological parameters of
production of the new cement have been worked out.

A. Levina

NOTE:

Fastness to washing and light of certain optical bleaching agents. W. Markiewicz (Tech. Univ., Lodz, Poland). *Zietywny Zest. Politech. Lodz.*, No. 2, Chem. No. 1, 69-75 (1954) (English summary). "Thiazol 1, 2, 3, and 4" (preceding abstr.), Blaukopher R (by Sander), Markowicz A. D., and WT (means introduced by Stanislaw Bartkowicz for products described in SIOS No. 1154), Writex WS, and RS (by CIBA), and dehydroethetridienulfonic acid showed a light-fastness no. 1 as measured on the Fade-Ometer. The color-fastness is 3, 3, 3, 4, 3, 3.5, 2, 1, 1, and 1, resp.. After treatment of the above agents with "W. fixing agent," improved the color-fastness of "Thiazol 4" and Blaukopher B by 0.5.

F. I. Hendel

Markiewicz, Wacław

Investigations of certain properties of saponol alpha.
Wacław Markiewicz and Stanisław Bartkiewicz (Politech.
Inst. Łódź, Poland). *Zeszyty Nauk. Politech. Łódź*, No. 6,
Chem. No. 2, 50-71 (1955) (English summary).—Saponol
alpha (I) is used in Poland as a supporting agent in washing
and dyeing of wool in acidic and alk. solns. I is obtained by
reaction of degraded albumen (mixt. of amino acids) with
chlorides of fatty acids: $C_{17}H_{35}COCl + H_2N.R(CO.NH.R).COONa + NaOH \rightarrow C_{17}H_{35}CO.NH.R(CO.NH.R).COONa + NaCl + H_2O$. The authors found that I has a medium
washing power, but is a good wetting agent (e.g., is better
than Fetepon G). No protecting properties of I in the pro-
cesses of washing and dyeing wool were found.

P. J. Hendel

①

SABKA, Wladyslaw, Mgr.Inz.; MARKIEWICZ, Wladyslaw, Inz.

Ore roasting with the addition of carbonates. Huta Lenina prace
no.9:145-148 My '61.

KOTARBA, Cecylia; MARKIEWICZ, Zofia; MARKIEWICZ, Kazimierz;
STANKIEWICZ, Wladyslaw (Warszawa)

Application of piperazine in worming dogs and swine. Wiadomosci
parazyt., Warsz. 2 n.o.5 Suppl:145-147 1956.

1. Klinika Chorob Wewnetrznych Wydz. Wet. SGGW.
(PIPERAZINES, therapeutic use,
worming dogs & swine (Pol))
(SWINE, diseases,
helminth infect., piperazine ther. (Pol))
(DOGS, diseases,
same)

POLAND/Diseases of Farm Animals. Noncontagious Diseases.

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54923.

Author : Markiewicz, Z., Stankiewicz, W.

Inst :

Title : Cases of Hemorrhagic Thrombocytopenia in Dogs.

Orig Pub: Med. weteryn., 1957, 13, No 2, 102-105.

Abstract: No abstract.

Card : 1/1

Z. Markiewicz

Application of various hematological methods in relation to the mode of their performance. Z. Markiewicz. *Med. Weterynar.* (Poland) 13, 484-8 (1957). Hematological study was conducted on 24 horses. Hemoglobin (I), erythrocyte (II), and leucocyte (III) counts, and the Biernatskil's reaction were performed on fresh blood, stored blood, and blood contg. Na oxalate (IV) (1 ml. of 1.34% soln./9 ml. blood) or Na citrate (V) (2 ml. of 3.8% soln./10 ml. blood) and stored for 24 hrs. at room temp. The differences in the amts. of I which are commonly found while examg. various samples of horse blood were ± 6.27 vol. % or ± 6.43 wt. %. II counts, as detd. by the use of the Thoma-Zeiss counting chamber, showed an av. 15.2, 35.6, and 38.5% higher values for the stored blood and the blood samples contg. IV and V, resp. The III count in the blood contg. IV was lower by 31.3% than in fresh blood. Hematological exams. for clinical use should be made on fresh blood. E. Wisniewski

STANKIEWICZ, Wladyslaw; MARKIEWICZ, Zofia; PIETRASZEK, Andrzej

Intestinal helminthiases in clinically normal and sick dogs in Warsaw.
..Wiadomosci parazyt., .Warsz..4 no.5-6:577-578; Engl. transl. 578-579 1958.

1. Z Kliniki Chor. Wewn. Wydz. Wet. SGGW w Warszawie.
(DOGS, dis.
helminth infect. (Pol))
(HELMINTH INFECTIONS, epidemiol.
in dogs (Pol))

STANKIEWICZ, W.; MARKIEWICZOWA, Z.; MARKIEWICZ, K. (Warszawa)

Research on the application of autohemolysates in cases of allergic
skin diseases of dogs. Rocz nauk roln wet 70 no.1/4:84-86 '60.
(KEAI 10:9)

(Dogs) (Skin) (Hemolysis and hemolysins)

MARKIEWICZ, K.; MARKIEWICZOWA, Z.; STANKIEWICZ, W.(Warszawa)

Research on the applicability of heterospecific blood transfusions
for animals. Roczn. nauk roln. wet. 70 no.1/4:86-88 '60.

(EEAI 10:9)

(Animals) (Blood)

27

Warsaw, Narodowa Weterynaryjna, Vol 18, No 4, April 1962.

1. "African Hog Cholera (Hemorrhagic Disease)." Tadeusz JASTRZEBSKI; pp 193-197.
2. "Field Diagnosis of Str. equine Using the Bacteria." Bolesław J. KIKIŃSKI, St. KIKIŃSKI, and A. GRABIN-SKI of the Research Office of Animal Hygiene (Zakład Higieny Zwierząt) of the Institute for Veterinary Sciences (Instytut Weterynaryjny) at Bydgoszcz (Director: Prof. Dr. Jędrzej KIKIŃSKI), of the Zootechnical Institute (Instytut Zootechniczny) at Kraków, and of the Weterynaryjny Zakład Higieny Zwierząt (Weterynaryjny Zakład Higieny Zwierząt) at Warsaw (Director: Prof. Dr. Jędrzej KIKIŃSKI); pp 197-201 (English summary).
3. "Cases of Anjasky's Disease in Silver Foxes, White Foxes, and Minks." Jędrzej KIKIŃSKI and Jędrzej KIKIŃSKI of the Weterynaryjny Zakład Higieny Zwierząt (Weterynaryjny Zakład Higieny Zwierząt) at Warsaw (Director: Prof. Dr. Jędrzej KIKIŃSKI); pp 201-203.
4. "Intranasal Immunization of Chicks Against Newcastle Disease Using the Strains NDV, LaSota, and V. Vanda BOLESLAW J. KIKIŃSKI of the Research Office of Veterinary Diseases (Zakład Chorób Zwierząt) of the Weterynaryjny Zakład Higieny Zwierząt (Weterynaryjny Zakład Higieny Zwierząt) at Warsaw (Director: Prof. Dr. Jędrzej KIKIŃSKI); pp 203-207 (English summary).
5. "Notes on the Serodiagnosis of Brucellosis of Sheep." Leonida WORSKI of the Weterynaryjny Zakład Higieny Zwierząt (Weterynaryjny Zakład Higieny Zwierząt) at Warsaw (Director: Dr. L. WORSKI); pp 207-209 (English summary).
6. "Hemolytic Reaction and Blood Picture in Cattle Infected with Mycobacterium." Antoni DZIŁA and Zofia MARKIEWICZ of the Chair of Epizootiology (Katedra Epizootologii) of the Faculty of Veterinary Science (Wydział Weterynaryjny) of the Weterynaryjny Zakład Higieny Zwierząt (Weterynaryjny Zakład Higieny Zwierząt) at Warsaw (Director: Prof. Dr. A. KIKIŃSKI) and of the Weterynaryjny Zakład Higieny Zwierząt (Weterynaryjny Zakład Higieny Zwierząt) at Warsaw (Director: Prof. Dr. Jędrzej KIKIŃSKI); pp 210-211.
7. "Rupture of Spleen in a Bull Suffering from Tuberculosis." Zenon KUCHAŁA and Jan SZARPAŁA of the Chair of Epizootiology (Katedra Epizootologii) of the Faculty of Veterinary Science (Wydział Weterynaryjny) of the Weterynaryjny Zakład Higieny Zwierząt (Weterynaryjny Zakład Higieny Zwierząt) at Warsaw (Director: Prof. Dr. Jędrzej KIKIŃSKI); pp 211-212.

1/3

MARKIEWICZOWA Z

POLAND

AUGUSTYNOWICZ, L.; MALINKOWSKI, W.; MARKIEWICZ, Z., POLUJANSKI, P.; STANKIEWICZ, W.; and TOMICKI, Z., Section of Small Animal Diseases of the Department of Veterinary Medicine of the College of Agricultural Economics (Zaklad Chorob Zwierzat Malych Wydz. Wet. SGGW) Head (Kierownik) Prof. Dr. Wladyslaw Stankiewicz, [Warsaw]

"Suitability of the Preparation "Mepatar - Polfa" in the Treatment of Domestic Animals"

Lublin, Medycyna Weterynaryjna, Vol 22, No 9, Sep 1966; p. 550-551

Abstract [English summary modified]: Study of Mepatar Polfa (medicated feed supplement containing 5% oxytetracycline) in dogs, evaluating the blood level, adequacy, and safety; therapeutic use in dogs with nephritis and in minks with enteritis or urinary tract infections, and in poultry with upper respiratory disease, was rather uniformly successful.

EXCERPTA MEDICA Sec 11 Vol 12/6 O.R.L. June 59

1170. ORBITAL COMPLICATIONS OF NASAL ORIGIN IN INFANTS AND YOUNG CHILDREN - Powikłania oczodołowe pochodzenia nosowego u niemowląt i małych dzieci - Markiewicz-Brezińska H. I i II Klin. Chor. Dzieci A.M., Łódź - PEDIAT. POL. 1957. 32/3 (245-250)

These complications may arise by continuity or by the vascular route. Treatment and clinical course are discussed; early surgical intervention is advised when the pus reaches the orbit. Szmyt - Warsaw (XII, 11)

EMITA, Stanislaw; MARKIEWICZ-BRZEZINSKA, Hanna

~~Simmsitis in infants & young children. Otolaryngol. polska 12 no.2:151-161~~
1958.

1. Z I Kliniki Chorob Dzieci A. M. w Lodzi Kierownik: doc. dr E. Wilkos-
zewski i ze Szpitala dla Dzieci Im. Prof. Dr St. Popowskiego Dyrektor:
dr med. Z. Pasenicka-Gundlachowa.
(SINUSITIS, in inf. & child
maxillary (Pol))

MARKIEWICZ-BRZEZINSKA, Hanna (Lodz, ul. Tkacka 1 m.1)

Case of congenital fibroma of larynx. *Pediat. polska* 33 no.6:705-707
June 1958.

1. Z I Kliniki Chorob Dzieci A.M. w Lodzi Kierownik: doc. dr med.
B. Wilkoszewski.

(LARYNX, neoplasms

fibroma, congen., case report (Pol))

(FIBROMA, in inf. & child.

larynx, congen., case report (Pol))

OSIETOWSKA, Ewa; WAZNA, Krystyna; MARKIEWICZ-CZAPSKA, Danuta

A case of encephalitis following vaccination against rabies. Neurol.
neurochir. psychiat. pol. 12 no.1:123-126 '62.

1. Z Pracowni Warszawskiej Zakładu Neuropatologii PAN Kierownik Pracowni: doc. dr E. Osetowska z Kliniki Pediatrycznej AM w Lublinie
Kierownik: [prof. dr W. Klepacki] z Kliniki Neurologicznej AM w Lublinie
Kierownik Kliniki: prof. dr W. Stein

(RABIES immunol) (VACCINATION compl)
(ENCEPHALITIS etiol)

MARKIEWICZ-SZUMSKA, AIsza
MIEDZINSKI, Franciszek; MARKIEWICZ-SZUMSKA, AIsza

Epidemiological problems in early syphilis. Przegl. dermat., Warsz.
7 no.4:333-338 July-Aug 57.

1. Z Kliniki Dermatologicznej A. M. w Gdansk Dyrektor: prof. dr
Fr. Miedzinski. Z Wojewidskiej Przychodni Dermatologicznej w Gdansk
Kierownik: dr A. Markiewicz-Szumaska.

(SYPHILIS, epidemiol.
in Poland, early stages (Pol))

MARKIN, A., nauchnyy sotrudnik

Great transworld railroad. Tekh.mol. 28 no.2:22 '60.

(MIRA 13:6)

1. Institut energetiki AN SSSR.

(Russia--Foreign economic relations--United States)

(United States--Foreign economic relations--Russia)

(Bering Strait--Railroad)

KRYACHKO, Z.; IGNATENKO, M., zam. nom-inspektor; MARKIN, A., zam. nom-inspektor; VAGANOV, I., zam. nom-inspektor; VAGANOV, I., entomolog-toksikolog; VAGANOV, I., entomolog-toksikolog.

Pay attention to the hemp leaf roller *Grapholita delineana*! Zashch. rast. ot vred. i bol. 10 no.5:51-54 '65.

(MIPA 18:6)

1. Nachal'nik Ukrainskoy karantinnoy inspeksii (for Kryachko).
2. Sumskaya karantinnyaya inspeksiya (for Ignatenko).
3. Tsentral'naya karantinnyaya laboratoriya Ministerstva sel'skogo khozyaystva SSSR (for Markin).
4. Stantsiya sel'skogo khozyaystva i khleboproduktov (for Vaganov).

C R/Weeds and their Control

N

Abs Jour : Ref Zhur-Biol., No 2, 1958, 6397

Author : Kosinskii V. S., Markin A. I.

Inst : Not given

Title : Role of Predecessors in Weed Control of Winter
Wheat in the Kuban'

Orig Pub : Zemledeliye, 1955,⁴ No 12, 32-38

Abstract : Experiments of the Soil-agronomical Station imeni
Williams in the fields of the Krasnodar collec-
tion station have indicated that the least con-
tamination of sowings of winter wheat with weeds
was observed in planting on black fallow, espar-
sette fallow, and also in well-growing perennial
grasses. Winter sowings growing over plowed crops
were heavily weeded with annual weeds; planted
over winter of spring wheat with perennial weeds.

Card 1/2

DIKAREVSKIY, V.S., kand.tekhn.nauk; MARKIN, A.A., inzh.

Spacing of air escape valves on pressure water conduits.
Transp. stroi. 12 no.9:34-36 S '62. (MIRA 16:2)
(Pipe fittings)
(Valves)

LEBEDINSKIY, N.P.; OKTYABR'SKIY, P.Ya.; SMIRNOV, D.V.; VINLGRADOV, N.I.;
KUZ'MAK, B.S.; BLYAKHMAN, L.S.; RYASHCHENKO, B.R.; POLOZOV, V.R.;
SHALGIN, G.N.; ~~MARKIN, A.A.~~; IGNAT'YEVA, E.P.; VOROTILOV, V.A.;
KLYUYEV, A.I., dots., otv.red.; KARPOVA, L.A., red.; YELIZAROVA,
N.A., tekhn. red.

[Hidden potentials for increasing labor productivity in the national
economy] Rezervy rosta proizvoditel'nosti truda v narodnom khoziaistve.
Leningrad, Izd-vo Leningr. univ., 1962. 223 p. (MIRA 16:2)

1. Leningrad. Universitet.

(Labor productivity)

MARKIN, A. A.

Distr: 4E2c

The Influence of Moisture in the Blast on the Process of Combustion of Coke in a Blast Furnace, A. A. Markin and M. Ye. Ostrokhov. (*Izv. Akad. Nauk. Otdeleniye Tekh. Nauk*, 1966, (11), 58-63). (In Russian). An investigation of the influence of moisture in the blast (up to 50 g/m³) on the size of the combustion zone in front of tuyeres was carried out on a furnace of 700 m³ working volume producing foundry iron. The method consisted of sampling gases in front of tuyeres at various distances from the tuyere nozzle and their analysis. It was established that on increasing the amount of moisture by 10-20 g/m³ no change in the length of the combustion zone takes place. If the consumption of heat for the decomposition of the moisture added is not compensated by an appropriate increase in the blast temperature, the velocity of the combustion of coke decreases. The beneficial influence of moisture in the blast, (when it is not totally compensated by a rise in blast temperature) is explained by a decrease in the temperature on the boundary of the oxidizing zone. This decrease in the temperature is accompanied by a decrease in the volume of the gas i.e. its velocity.—v. o.

PASTUKHOV, A.I.; KLEYN, A.L.; ANDREYEV, T.V.; MAZUN, A.I.;
Prinimali uchastiye: MARKIN, A.A.; SKRIPCHUK, V.S.; KHARITONOV,
Yu.A.; SELYUTIN, N. P.; GAVRILOVA, Ye. A.
GAVRILOVA, Ye.A.

Steelmaking from vanadium cast iron in converters with a top
oxygen blow. Stal' 21 no.12:1070-1074 D '61. (MIRA 14:12)
(Steel—Metallurgy)
(Oxygen—Industrial applications)

VOINOV, S.G.; KOSOY, L.F.; SHUMOV, M.M.; SHALIMOV, A.G.; CHEKHOMOV, O.M.;
ANDREYEV, T.B.; AFANAS'YEV, S.G.; KALINNIKOV, Ye.S.; Primali
uchastiye: KORNEYENKOV, A.N.; GURSKIY, G.V.; BOKSHITSKIY, Ya.M.;
PETROV, A.K.; MOKHIR, Ye.D.; KOLYASNIKOVA, R.I.; KHASIN, G.A.;
DANILIN, V.P.; PLEKHANOV, P.S.; MAZUN, A.I.; MARKIN, A.A.

Refining converter steel in the ladle with liquid synthetic slag.
Stal' 22 no.3:226-232 Mr '62. (MIRA 15:3)
(Steel—Metallurgy)

REZNICHENKO, V.A.; SIDORENKO, G.D.; EPSHTEYN, Z.D.; MARKIN, A.A.;
SKRIPCHUK, V.S.

Pilot plant investigation of the blowing of titanium-niobium
cast iron. Titan i ego splavy no.8:72-85 '62. (MIRA 16:1)
(Cast iron--Analysis) (Slag--Analysis)
(Oxygen--Industrial applications)

KORMILITSYN, S.P.; TSEMEKHMAN, L.Sh.; SHUMOV, M.M.; ANDREYEV, T.V.;
MARKIN, A.A.; MAZUN, A.I.

Treatment of iron nickel ore in a converter by top blow of
oxygen. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch. 1
tekh.inform. no.3:3-5 '63. (MIRA 16:4)

(Nickel—Metallurgy)

KANAVETS, P.I.; GESS, B.A.; SPORIUS, A.E.; CHERNYSHEV, A.M.;
MELENT'YEV, P.N.; CHERNYKH, V.I.; KHROMYAK, R.P.;
KHAYLOV, B.S.; BORISOV, Yu.I.; TSYLEV, L.M.; SOKOLOV, V.S.;
Prinimali uchastnye: MARKIN, A.A.; GORLOV, M.Ya.;
VORONOV, Yu.G.; BULAKHOV, K.A.; KREMYANSKIY, V.L.; ARSHINOV,
G.P.; MAZUN, A.E.; PISARNITSKIY, I.M.; BOKUCHAVA, O.A.;
KIRILLOV, M.V.; TSELUYKO, P.I.; POLYAKOV, G.O.; REZKOV, A.S.;
ZHUCHKOV, M.I.; ROMASHKIN, A.S.; ZUBKOV, A.S.; KOZLOV, M.N.

Pilot plant for the nodulizing of finely ground charge mix-
tures by the method of chemical catalysis. Trudy IGI 22:
93-109 '63. (MIRA 16:11)

GESS, B.A.; CHERNYSHEV, A.M.; KANAVETS, P.I.; MELENT'YEV, P.N.;
KHROMYAK, R.P.; VORONOV, Yu.G.; TSYLEV, L.M.; CHERNYKH, V.I.;
BORISOV, Yu.I.; SPORIUS, A.E.; Prinimali uchastiye: TOLEROV,
D.D.; MINKIN, V.M.; MARKIN, A.A.; GORLOV, M.Ya.; KHAYLOV, B.S.

Experimental blast furnace smelting with replacement in
the charge of 20-per cent of the fluxed sinter by granules
prepared by chemical catalysis. Trudy IGI 22:110-113 '63.
(MIRA 16:11)

MAZUROV, Ye.F.; GRIKHEV, S.M.; SERIICHEN, V.S.; MARLIN, A.A.; LYALIN, Ye.S.

Sponge iron used as a charge material. Metallurg 9 no.11:17-19
N '64. (MIRA 18:2)

1. Tsentral'nyy nauchno-issledovatel'skiy institut Chernoy
metallurgii imeni I.P.Bardina.

USSR/Electricity
Power Transmission

Jul 49

"Conference on Problems of Long-Distance Power Transmission by High-Voltage Alternating Current," A. B. Markin, 2 pp

"Is Ak Hank SSSR, Otdel Tekh Nauk" No 7

Conference concluded, after hearing reports by I. S. Brak, P. S. Zhdanov, S. A. Lebedev, and others, that most important problems in this field are: (1) solution of problems connected with power transmission at voltages around 400 kv, (2) working out measures to decrease resistance of transmission lines and reduce costs in their construction and

52/49729

USSR/Electricity (Contd)

Jul 49

exploitation, and (3) working out scientific principles for interrayon power systems and a single high-voltage network.

52/49729

USSR/Engineering - Electric Power Boilers Aug 49

"Discussion of the Power Engineering Institute, Academy of Sciences USSR, on Flameless Water-Heating Boilers," A. B. Markin, 5 1/2 pp

"Is Ak Nauk SSSR, Otdel Tekhn Nauk" No 8

Subject boilers were designed by M. B. Ravich, primarily for use in plants to which natural gas has been piped. Summarizes Ravich's progress report, and gives points from ensuing discussion in which over 20 speakers took part. Lists conclusions reached by Sci Council of the institute.

65/49748

USSR/Engineering - Electric Power (Contd) Aug 49

By and large, these conclusions amount to an acceptance of Ravich's claims for his boilers. Acad M. V. Kirpichev and N. A. Semenko disagreed.

65/49748

PA 65/49748

MARKIN, A. B.

[B.*]

USSR/Electronics - Oscillographs,
Cathode Ray
Thyratrons

Feb 50

"Oscillograph for School Work," A. Markin, Engr-
Col, 4 pp

"Radio" No 2

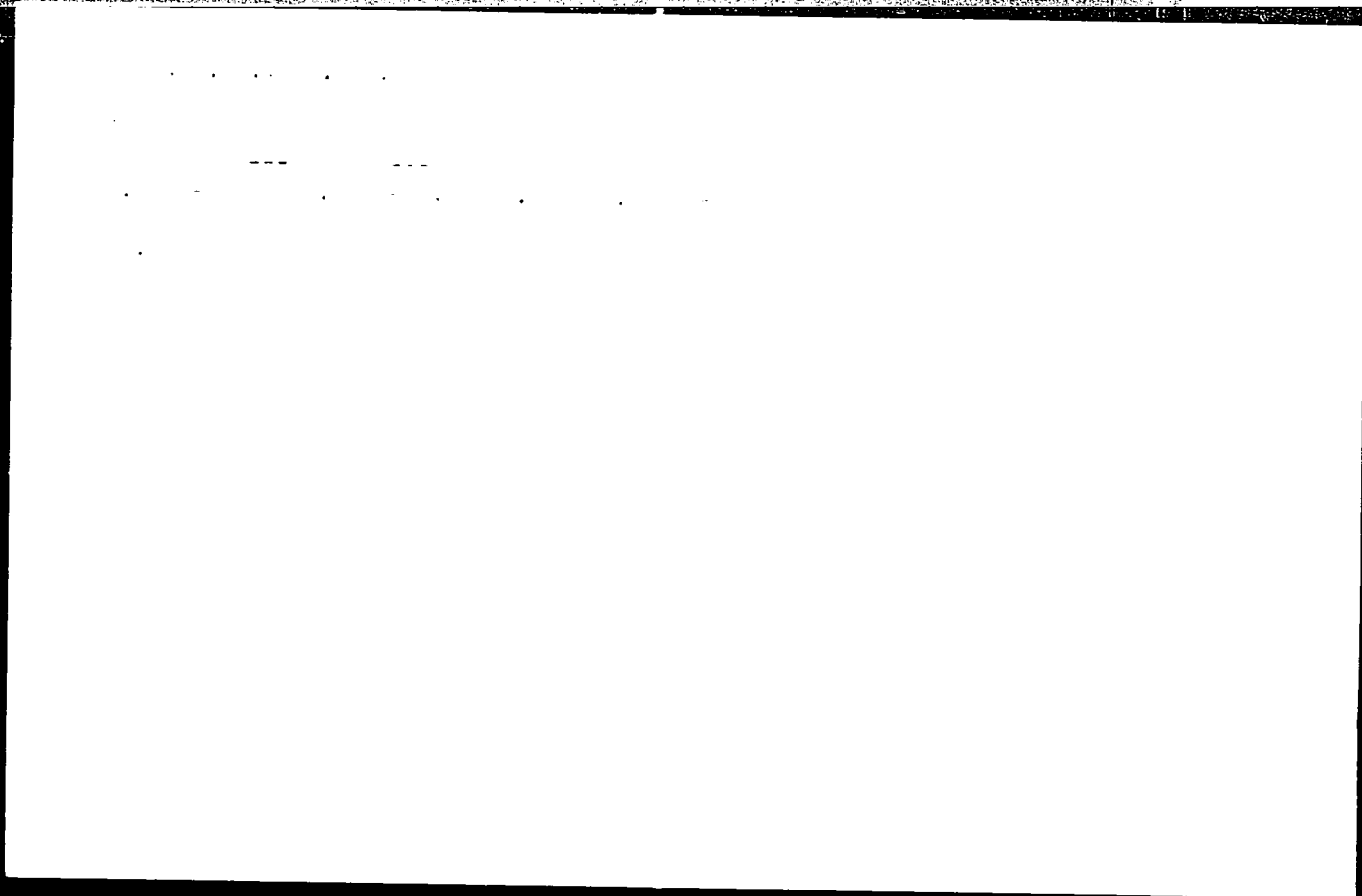
Describes a few systems which can be used to show
phase shifts in very simple electrical circuits.
Demonstrates suitability of thyatron switch for
increasing usefulness of cathode-ray oscillograph
for training schools. Gives six schematic dia-
grams with explanations to illustrate use of
switch for comparing two curves with various
phase-shift angles between them.

157T38

* Initial carried as A.B. recording in [redacted] - [redacted]
1.5 file 5.5

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CIA-RDP86-00513R001032420003-6



APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001032420003-6"

USSR/Electricity - Personalities

Jan 52

"Gleb Maksimilianovich Krzhizhanovskiy (His 80th Birthday)," A. Markin, Engr

"Nauka i Zhizn'" No 1, p 37

Krzhizhanovskiy participated in the drafting and implementation of the GOELRO plan. He directed the Glavenergo of the People's Commissariat of Heavy Industry during the years when the Dnepr, Kakhira, Svir and other hydroelec stations were built. In 1929, Krzhizhanovskiy was elected an

203T17

USSR/Electricity - Personalities
(Contd)

Jan 52

active member of Acad Sci USSR, and its vice-president. He is the founder and permanent scientific director of the Power Eng Inst, Acad Sci USSR.

203T17

MARKIN, A. G.

MARKIN, A.B., inshener.

On the 75th birthday of Academician A.V.Vinter. Oidr.stroi. 22 no.11:42-44
H-D '53. (MLBA o:11)

(Vinter, Aleksandr Vasil'evich, 1878-)

VINTER, A.V.; MARKIN, A.B.; MATVEYEV, G.A., doktor tekhnicheskikh nauk,
redaktor; KILDER, Ya.M., redaktor; MYASHNIKOVA, T.P., tekhnicheskiiy redaktor

[Electrification of our country] Elektrifikatsiia nashei strany. Moskva, Voen.izd-vo Ministerstva obor. SSSR, 1955.
222 p. (MIRA 9:4)

(Electrification)

SOSKOV, B.; BATAKOVA, V.; VREYMAN, I.; MEN'SHOVA, L.; MARKIN, A.; NEPOKLONOV,
A.; LEVCHENKO, Ye.; SKOPINSKIY, .; ARKHIPOVA, Ye.

Disinfection of grain with methyl bromide in the ship's hold. Mak.-
elev. prom. 26 no.10:12-14 0'60. (MIRA 13:10)
(Grain--Disinfection) (Methylene)

MARKIN, A. inzhener

Land of a great future. Tekh. mol. 23 no.4:1-5 Ap '55.
(Siberia--Natural resources) (MLRA 9:6)

1. ANALYSIS OF THE

MARKIN, Arkadiy Borisovich; VINTER, A.V., redaktor; KUDRYAVCHIKOVA, V.,
redaktor; TROYANOVSKAYA, N., tekhnicheskiy redaktor

[The future of electrification in the U.S.S.R.] Budushchee elektrifikatsii SSSR. Pod red. A.V.Vintera. Moskva, Gos. izd-vo polit. lit-ry, 1956. 162 p. (MLRA 9:12)
(Electrification)

VINTER, Aleksandr Vasil'yevich; MARKIN, Arkadiy Borisovich

[The electrification of our country] Elektrifikatsiia nashei strany.
Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 275 p. (MLRA 9:9)
(Electrification)

VINTER, A.V.; VEYTS, V.I.; POPOV, V.I.; MARKIN, A.B.

Revolutionary, scholar and outstanding Soviet power engineer;
on the 85th birthday of G.M.Krzhizhanovskii. Elektrichestvo no.1:
79-80 Ja '57. (MLRA 10:2)

(Krzhizhanovskii, Gleb Maksimilianovich, 1872-)

VINTNER, A.V., akademik; MARKIN, A.B., inzhener.

On Lenin's mileposts toward the electrification of the country.
Elek. i tepl. tiaga no. 4:3-6 Ap '57. (MLBA 10:6)
(Electrification)

1. G. H. ...

... : ...
... (7) ...

KLOPOV, Sergey Vasil'yevich; ALEKSEYEV, Vladimir Khristanovich; ZOTOVA, Vera Mikhaylovna; KUDINOV, Aleksandr Georgiyevich; MARKIN, Arkadiy Borisovich; SEMENTSOV, V.A., otv.red. [deceased];
~~MARCHENKO~~, V.S., red.izd-va; YEGOROVA, N.F., tekhn.red.

[Power resources and power engineering in southern areas of the Yakut A.S.S.R.] Energeticheskie resursy i energetika iuzhnykh raionov Iakutskoi ASSR. Moskva, Izd-vo Akad.nauk SSSR, 1959. 58 p. (MIRA 12:10)
(Yakutia--Power resources)

ACHAREN, V.A.; BARSKOV, I.M.; BIRYUKOV, I.S.; BORODINA, L.Ya.; BRENNER, M.M.;
 GORELIK, B.Ye.; GUMEROV, M.N.; ZORKAYA, N.M.; IOYRTSEH, A.I.;
 KAYDALOVA, O.N.; KAPUSTIN, Ye.I.; LEBEJEVA, M.A.; LESHKOVTSY, V.A.;
 LYSENKO, V.P.; MARKIN, A.B.; MIKHAYLOV, M.N.; NEST'YEV, I.V.; NECHAYEV,
 N.V.; NIKOL'SKIY, A.V.; OSTROUKHOV, M.Ya.; PISARZHEVSKIY, O.N.;
 POLUBOYARINOV, M.M.; POPOV, Yu.N.; PRASOLOV, M.A.; POKATAYEV, Yu.N.;
 RIMBERG, A.M.; RYABOV, V.S.; SEMKOV, B.F.; SPERANSKAYA, Ye.A.; TAKOYEV,
 K.F.; TRIFONOVA, G.K.; TROPIMOVA, V.I.; SHAKHNAZAROV, G.Kh.; SHKARIN-
 KOVA, G.P.; SEMERLING, K.G.; EYDEL'MAN, B.I.; MIKARLYAN, E.A., red.;
 MUKHIN, Yu.A., tekhn.red.

[U.S.S.R. as it is; a popular illustrated handbook] SSSR kak on est';
 populiarnyi illiustrirovannyi spravochnik. Moskva, Gos.izd-vo polit.
 lit-ry, 1959. 462 p. (MIRA 12:2)

(Russia)

MARKIN, Arkadiy Borisovich, inzh., nauchnyy sotr.; FEDCHENKO, V., red.;
MIKHAYLOVSKAYA, N., tekhn. red.

[An ocean of power; past, present and future of power engineering in the U.S.S.R.] Okean sily; proshloe, nastoiashchee i budushchee energetiki SSSR. Moskva, Izd-vo TsK VLKSM "Molodaya gvardiya," 1961. 174 p. (MIRA 15:3)

1. Energeticheskiy institut Akademii nauk SSSR (for Markin).
(Electrification)

MARKIN, A., inzh.

Electric power and bread. Tekh.mol. 29 no.6:1-4 '61. (MIA 14:7)
(Electricity in agriculture) (Farm mechanization)

36439
S/137/62/000/003/102/191
A060/A101

18.1220

AUTHORS: Pavlyuchenko, M. M., Kanonyuk, I. F., Markin, A. D.

TITLE: Study of the diffusion of sulfur in copper and its alloys, using radioactive isotopes

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 3, 1962, 3, abstract 3115
("Tr. Tashkentsk. konferentsii po mirn. ispol'zovaniyu atomn. energii, 1959. T. 1", Tashkent, AN UzSSR, 1961, 248-252)

TEXT: The diffusion of S in electrolytic Cu is investigated. In alloys of Cu with Sn, Pb, Al, and Ag the autoradiographic method was used to study only the distribution of S in the diffusion layer. The diffusion coefficients were determined by the method of removing layers. It was established that in the interval 800 - 1,000°C the S diffuses in Cu uniformly over the entire volume of the specimen. The temperature dependence of the coefficient of diffusion is expressed by the equation $D = 0.824 \exp(-47,000/RT) \text{ cm}^2 \text{ sec}^{-1}$. In the region of solid solutions of Cu with Al, Sn, Ag, Pb the sulfur diffuses in these alloys uniformly over the entire volume of the specimens. In heterogeneous alloys the S is preferentially concentrated at the sites where the new phase is admixed.

Card 1/2

Study of the diffusion of sulfur ...

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A060/A101

In the diffusion of S in Cu there occur no qualitative jumps or changes of the kind characteristic of reactive diffusion, thus yielding the possibility of applying Pick's law to the study of S diffusion in Cu.

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[Abstracter's note: Complete translation]

Card 2/2

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Selective grinding of potassium ores by a thermal method.
Dokl. AN SSSR 150 no.3:616-618 My '63. (MIRA 16:6)

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